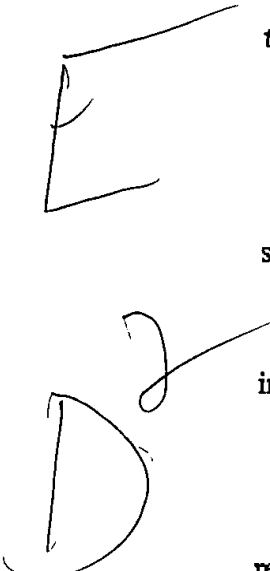


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Please add new claims 17-24.

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17. The method of claim 13 wherein said mammal is a rodent.
18. The method of claim 17 wherein said rodent is a mouse or rat.
19. A method of monitoring a change in the relative temperature of internal tissues or organs of a mammal comprising the steps of
- removing the mammal skin overlaying the internal tissue or organ;
- replacing the removed skin with an infrared-invisible polymer of equal size of said removed skin; and
- monitoring the relative temperature changes of the the tissue or organ using infrared thermography.
20. The method of claim 19, wherein the method is used to monitor the relative temperature in the tissue or organ before and after administration of a test agent to said mammal.
21. The method of claim 20, wherein one or more dosages of the test agent are administered and the relative temperature change of the tissue or organ for each dose is monitored.
22. The method of claim 20, wherein relative temperature changes are monitored at one or more time points after administration of the test agent.